Sheet	1_	of_	1

PTO-1449 (Modified)			ATTY. DOCKET NO.	ATTY. DOCKET NO. SERIAL NUMBER 1096.48022 08/286,912			
U.S. DEPARTMENT OF COMMERCE			1096.48022 08/386,912				
PATENT AND TRADEMARK OFFICE		APPLICANT					
INFORMAT	TION DISCLOSURE ST	FATEMENT	H. Lee Martin				
	BY APPLICANT		FILING DATE	GROUP A	RT UNIT		
			February 8, 1995	20	002		
		U.S	S. PATENT DOCUMENTS		_		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILI DA	i
45	4,736,436	4/5/88	Yasukawa et al.	366	164		
13	4,807,158	2/21/89	Blanton et al.	39(128		
35	4,899,293	2/6/90	Dawson et al.	364	521		
4	5,175,808	12/29/92	Sayre	395	133		
1/5	5,396,583	3/7/95	Chen et al.	397	127		
		FORE	IGN PATENT DOCUMENTS				<u>.</u>
EXAMINER	DOCUMENT	DATE	2017) 		SUB CLASS	TRANSL YES/I	
INITIAL	NUMBER	DATE	COUNTRY	CLASS	CLASS		
INITIAL	NUMBER	DATE	COUNTRY	CLASS	CLASS		
INITIAL	NUMBER	DATE	COUNTRY	CLASS	CLASS	,	
INITIAL	NUMBER	DATE	COUNTRY	CLASS	CLASS	,	
INITIAL	NUMBER	DATE	COUNTRY	CLASS	CLASS	,	
INITIAL	NUMBER	DATE	COUNTRY	CLASS	CLASS	`.	
INITIAL	NUMBER	DATE	COUNTRY	CLASS	CLASS	,	
INITIAL	NUMBER	DATE	COUNTRY	CLASS	CLASS	`	
INITIAL	NUMBER	DATE	COUNTRY	CLASS	CLASS		
INITIAL	NUMBER	DATE	COUNTRY	CLASS	CLASS	1	
INITIAL					CLASS	,	
INITIAL			cluding Author, Title, Date, Pertinent		CLASS	`	
INITIAL					CLASS	,	
INITIAL					CLASS		
		OCUMENTS (In		t Pages, Etc.)	CLASS		

EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.

A. 1. 4-3

Sheet <u>1</u> of <u>4</u>

PTO-1449 (Modified)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 1096.48022 SERIAL NUMBER 88/1319 08/38-312

APPLICANTS

H. Lee Martin et al.

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

FILING DATE
February 8, 1995

GROUP ART UNIT

2602

U.S. PATENT DOCUMENTS

		0.51	TATENT DOCUMENTS			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
M	3,723,805	03/27/73	Scarpino et al.	315	27 GD	05/12/71
M	4,125,862	11/14/78	Catano	358	140	03/31/77
<i>X</i>	4,152,724	05/01/79	Hunter	358	109	05/03/76
4/2	4,191,967	03/04/80	Dansac et al.	358	113	01/06/78
245	4,463,380	07/31/84	Hooks, Jr.	358	160	09/25/81
40	4,518,898	05/21/85	Tarnowski et al.	315	371	02/22/83
945	4,549,208	10/22/85	Kamejima et al.	358	108	12/21/83
H	4,661,855	04/28/87	Gülck	358	225	01/17/86
97	4,670,648	06/02/87	Hall et al.	250	216	03/06/85

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS		SLATION S/NO
M	WO 82/03712	10/28/82	International Application	17			х
di	JP 2-127877	5/16/90	Japanese Application			х	
				+			
							_
				-			
					i	ı	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

9/5	English Abstract 2-127877 (A), May 16, 1990, for "ELECTRONIC STILL CAMERA PROVIDED WITH FISHEYE LENS" for Japanese Application No. 63-281550.
Str	"Fooling the Eye", Suzanne Oliver, Forbes, January 16, 1995 (page 94).

PTO-1449 (Modified)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTY. DOCKET NO. 1096.48022	SERIAL NUMBER 891319
APPLICANTS H. Lee Martin	etal. If

FILING DATE

February 8, 1995

GROUP ART UNIT 2602

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
Sh	4,728,839	03/01/88	Coughlan et al.	310	112	02/24/87
H	4,751,660	06/14/88	Hedley	364	518	06/26/86
45	4,772,942	09/20/88	Tuck	358	87	01/07/87
80	4,797,942	06/10/89	Burt	382	41	03/02/87
3	4,835,532	05/30/89	Fant	340	728	03/29/88
85	4,858,002	08/15/89	Zobel	. 358	98	04/11/88
\$5	4,858,149	08/15/89	Quarendon	364	522	08/18/87
1/2	4,918,473	04/17/90	Blackshear	354	81	03/02/88
145	4,924,094	05/08/90	Moore	250	334	03/19/87

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	LATION I/NO
						_
			-			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					

EXAMINER

Jurges

DATE CONSIDERED

EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not

considered. Include copy of this form with next communication to applicant.

					S	heet <u>3</u>	of <u>4</u>
<u> </u>	PTO-1449 (Modified))	ATTY. DOCKET NO. 1096.48022	l	NUMBER 08/ 386;91	88	731
	PARTMENT OF CON T AND TRADEMARK		APPLICANTS H. Lee Marin et al.	24			
INFORMA'	TION DISCLOSURE S BY APPLICANT	TATEMENT	FILING DATE 52 17 1995 1995	#°//	ART UNIT		
		U.:	S. PATENT DOCUMENTS	A.			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	1	LING ATE
Str	4,945,367	07/31/90	Blackshear	354	81	08	/09/89
1/5	4,965,844	10/23/90	Oka et al.	382	44	03	/31/86
13	4,991,020	02/05/91	Zwim	358	160	02	/17/89
1/3	5,005,083	04/02/91	Grage et al.	358	181	05.	/19/89
B	5,020,114	05/28/91	Fujioka et al.	382	44	08.	/17/88
Sts	5,023,725	06/11/91	McCutchen	358	231	10.	/23/89
M	5,048,102	09/10/91	Tararine et al.	382	41	09.	/14/88
95	5,067,019	11/19/91	Juday et al.	358	160	03,	/31/89
SYS	5,068,735	11/26/91	Tuchiya et al.	358	209	08,	/13/90
• •		FORE	IGN PATENT DOCUMENTS				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS		LATION 5/NO

INITIAL	NUMBER	DATE	COUNTRY	CLASS	CLASS	YES/NO
				-		
		ļ				
			•			

OTHER DOCUMENTS (including Audio), Title, Date, Fertilicat Fages, Etc.)				
l i				
f I				

EXAMINER 9

DATE CONSEDERED

EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.

Sheet	4	of	4

DTO 1	1440	(Modifi	
PIU-	1447	IMOGIII	ıea

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCK TO PANEMANT

SERIAL NUMBER
08/386-912

APPLICANTS

H. Lee Martin et al.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

FILING DATE February 8, 1995 **GROUP ART UNIT**

2602

U.S. PATENT DOCUMENTS

			THE EAT DOCUMENTS			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
M	5,077,609	12/31/91	Manelphe	358	109	10/05/90
83	5,173,948	12/22/92	Blackham et al.	382	44	03/29/91
35	5,185,667	02/1993	Zimmermann	358	209	
45	5,200,818	04/06/93	Neta et al.	358	87	03/22/91
1/2	5,231,673	07/27/93	Elenga	382	6	03/29/91
					_	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO	
					"		
	-						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	Burgo	er P

DATE CONSIDERED

EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.